



FAG

★ 61800-2RSR

Deep groove ball bearing

Schaeffler ID:
0554514030000Deep groove ball bearing 618...-2RSR,
single row, seals, steel sheet metal cage

★ Preferred product

Technical information



Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	19 mm	Outside diameter
B	5 mm	Width
C_r	1.720 N	Basic dynamic load rating, radial
C_{0r}	840 N	Basic static load rating, radial
C_{ur}	58 N	Fatigue load limit, radial
n_G	21.000 1/min	Limiting speed
	0,006 kg	Weight

Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
D_2	17,2 mm	Caliber diameter outer ring
d_2	11,8 mm	Caliber diameter inner ring

Mounting dimensions

d_{amin}	12 mm	Minimum diameter shaft shoulder
D_{amax}	17 mm	Maximum diameter of housing shoulder
r_{amax}	0,3 mm	Maximum fillet radius

Temperature range

f_0	14,8	Calculation factor
T_{min}	-30 °C	Operating temperature min.
T_{max}	110 °C	Operating temperature max.